



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**RBW6500X01611-W142E-3T-**

**5**

**Job Sheet 198297**



Part No: RBW6500X01611-W142E-3T-5 Job Qty: ~~1~~ **24** **pcs**

Part Name: Extractor



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 7/24/19

Job Tracking No:

Due Date: 9/13/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBW6500X01611-W142E-3T REV 4 IPP Rev. A 19.04.05 New issue DP Verify DD

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation  | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off            |
|-------|------------|-------|------------|----------|-----------|---------|-----------------------|-----------|---------------------|
|       |            |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |                     |
| 120   | SL-154 - 1 | 1 pcs | 9/13/19    | 9/13/19  | 1.00      | 1.00    | SL-154 - 1            |           | <i>MDP 19/08/19</i> |
| 130   | QC 2       | 1 pcs | 9/13/19    | 9/13/19  | 0.00      | 0.00    | QC 2 - 1              |           |                     |
|       |            |       |            |          |           |         | QC 2 - 12             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 14             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 17             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 19             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 2              |           |                     |
|       |            |       |            |          |           |         | QC 2 - 20             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 22             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 23             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 25             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 32             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 33             |           | <i>MDP 19/08/19</i> |
|       |            |       |            |          |           |         | QC 2 - 35             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 39             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 4              |           |                     |
|       |            |       |            |          |           |         | QC 2 - 40             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 44             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 45             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 48             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 49             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 50             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 51             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 52             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 57             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 62             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 63             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 8              |           |                     |
|       |            |       |            |          |           |         | QC 2 - 66             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 64             |           |                     |
|       |            |       |            |          |           |         | QC 2 - 65             |           |                     |



Container No: S206954



Part: RBW6500X01611 - W142E - 3T - 5

Job No: 198297

Serial No/Batch: S206954

Revision: 4

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL.: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

Date: 08/19/19

Plex 7/24/19 2:29 PM Dart.lajeunesse.marie

|                                   |       |         |           |                        |                |
|-----------------------------------|-------|---------|-----------|------------------------|----------------|
| 140 QC 8                          | 1 pcs | 9/13/19 | 0.00 0.00 | QC 2 - 5               |                |
|                                   |       |         |           | QC 2 - 71              |                |
|                                   |       |         |           | QC 2 - 73              |                |
|                                   |       |         |           | QC 2 - 69              |                |
|                                   |       |         |           | QC 8 - 12              |                |
|                                   |       |         |           | QC 8 - 14              |                |
|                                   |       |         |           | QC 8 - 17              |                |
|                                   |       |         |           | QC 8 - 20              |                |
|                                   |       |         |           | QC 8 - 25              |                |
|                                   |       |         |           | QC 8 - 3               |                |
|                                   |       |         |           | QC 8 - 32              |                |
|                                   |       |         |           | QC 8 - 33              |                |
|                                   |       |         |           | QC 8 - 35              |                |
|                                   |       |         |           | QC 8 - 39              |                |
|                                   |       |         |           | QC 8 - 4               |                |
|                                   |       |         |           | QC 8 - 44              |                |
|                                   |       |         |           | QC 8 - 45              |                |
|                                   |       |         |           | QC 8 - 49              |                |
|                                   |       |         |           | QC 8 - 58              |                |
|                                   |       |         |           | QC 8 - 8               | Ac 19-08-21    |
|                                   |       |         |           | QC 8 - 9               |                |
|                                   |       |         |           | QC 8 - 68              |                |
|                                   |       |         |           | QC 8 - 67              |                |
|                                   |       |         |           | QC 8 - 1 (A)           |                |
|                                   |       |         |           | QC 8 - 47              |                |
|                                   |       |         |           | QC 8 - 40              |                |
|                                   |       |         |           | QC 8 - 52              |                |
|                                   |       |         |           | QC 8 - 23              |                |
|                                   |       |         |           | QC 8 - 57              |                |
| 150 Outsource - 12 - Black Oxide  | 1 pcs | 9/13/19 |           | GRO002-VC              | 2019-08-26     |
| 160 Packaging 2-1 - Receive - B4B | 1 pcs | 9/13/19 | 0.00 0.00 | Packaging 2 - 1 - B4B  |                |
| 24 pcs<br>AC                      |       |         |           | Packaging 2 - 2 - B4B  |                |
|                                   |       |         |           | Packaging 2 - 3 - B4B  |                |
|                                   |       |         |           | Packaging 2 - 5 - B4B  | AC SEP 03 2019 |
|                                   |       |         |           | Packaging 2 - 4 - B4B  |                |
|                                   |       |         |           | Packaging 2 - 6 - B4B  |                |
|                                   |       |         |           | Packaging 2 - 7 - B4B  |                |
|                                   |       |         |           | Packaging 2 - 8 - B4B  |                |
|                                   |       |         |           | Packaging 2 - 9 - B4B  |                |
|                                   |       |         |           | Packaging 2 - 10 - B4B |                |
|                                   |       |         |           | Packaging 2 - 11 - B4B |                |
|                                   |       |         |           | Packaging 2 - 12 - B4B |                |
|                                   |       |         |           | Packaging 2 - 13 - B4B |                |
|                                   |       |         |           | Packaging 2 - 14 - B4B |                |
|                                   |       |         |           | Packaging 2 - 15 - B4B |                |
|                                   |       |         |           | Packaging 2 - 16 - B4B |                |
|                                   |       |         |           | Packaging 2 - 17 - B4B |                |
|                                   |       |         |           | Packaging 2 - 18 - B4B |                |
|                                   |       |         |           | Packaging 2 - 19 - B4B |                |
|                                   |       |         |           | Packaging 2 - 20 - B4B |                |
|                                   |       |         |           | Packaging 2 - 21 - B4B |                |
|                                   |       |         |           | Packaging 2 - 22 - B4B |                |
|                                   |       |         |           | Packaging 2 - 23 - B4B |                |
|                                   |       |         |           | Packaging 2 - 24 - B4B |                |
|                                   |       |         |           | Packaging 2 - 25 - B4B |                |
|                                   |       |         |           | Packaging 2 - 26 - B4B |                |
|                                   |       |         |           | Packaging 2 - 27 - B4B |                |
|                                   |       |         |           | Packaging 2 - 28 - B4B |                |
|                                   |       |         |           | Packaging 2 - 29 - B4B |                |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           |                        |                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|-----------|------------------------|----------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 2 - 30 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 2 - 31 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 2 - 32 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 2 - 33 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 2 - 34 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 2 - 35 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 2 - 36 - B4B |                |
| 170 QC 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 pcs | 9/13/19 | 0.00 0.00 | QC 6 - 9               |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | QC 6 - 68              | DAS            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | QC 6 - 61              | 61             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | QC 6 - 40              | 9-89           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | QC 6 - 81              |                |
| 180 Packaging 3-1 - Stock - B4B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 pcs | 9/13/19 | 0.00 0.00 | Packaging 3 - 1 - B4B  |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 2 - B4B  |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 3 - B4B  |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 4 - B4B  |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 5 - B4B  | DAS            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 6 - B4B  | 28             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 7 - B4B  | 9-89           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 8 - B4B  |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 9 - B4B  |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 10 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 11 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 12 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 13 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 14 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 15 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 16 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 17 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 18 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 19 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 20 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 21 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 22 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 23 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 24 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 25 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 26 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 27 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 28 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 29 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 30 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 31 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 32 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 33 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 34 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 35 - B4B |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | Packaging 3 - 36 - B4B |                |
| 190 QC 21 - SA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 pcs | 9/13/19 | 0.00 0.00 | QC 21 - SA - 21        | DAS            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | QC 21 - SA - 70        | 21 SEP 05 2019 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |           | QC 21 - SA - 53        | 9-89           |
| Part Op 120 - 1-Machine as per folio FC 925 FOLIO REV: AA DWG REV: 4 2-Deburr<br>Descriptions: 130 - (QC2- Inspect parts off machine FAI/FAIB)<br>140 - (QC8- Inspect parts - second check)<br>150 - Issue P/O; 44303 -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required<br>160 - (Receive & Inspect for Damage & Mat'l Certs)<br>170 - (QC6- All purchased or subcontracted products)<br>180 - (Identify as per dwg & Stock Location: )<br>190 - (QC21- Final Inspection - Work Order Release) |       |         |           |                        |                |

GA106

| Job BOM                            |                                                           |                    |                |           |
|------------------------------------|-----------------------------------------------------------|--------------------|----------------|-----------|
| Part / Item                        | Component Name                                            | Quantity           | Operation      | Container |
| MT-4140QT-R0.500                   | AISI 4140 Quenched & Tempered Steel Round Bar 0.500" Dia. | .0930 ft (.093 ea) | 120-SL-154 - 1 | S 2033 79 |
| Job Allocations                    |                                                           |                    |                |           |
| Operation                          | Component Part                                            | Required           | Inventory      | Allocated |
| 120-SL-154 - 1                     | MT-4140QT-R0.500                                          | 0                  | 0              | 0         |
| Part Specifications                |                                                           |                    |                |           |
| Specifications could not be found. |                                                           |                    |                |           |

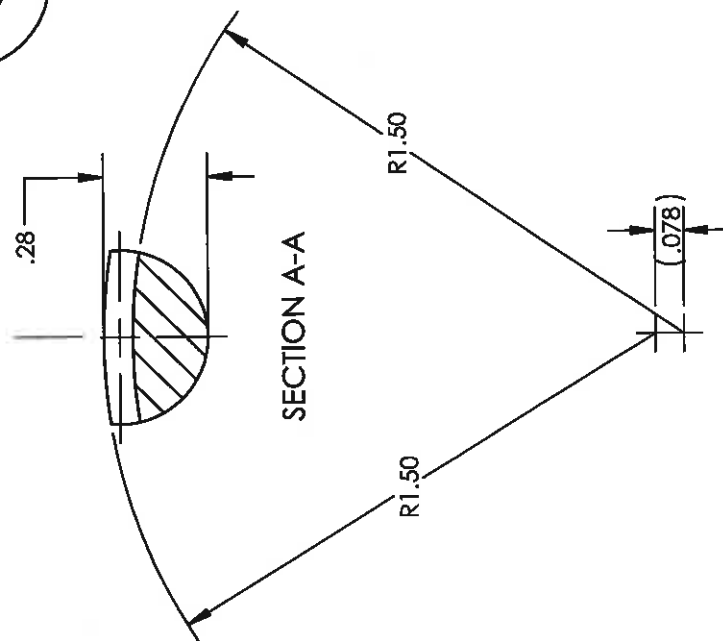
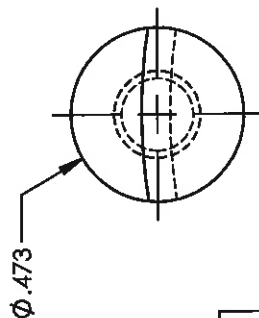
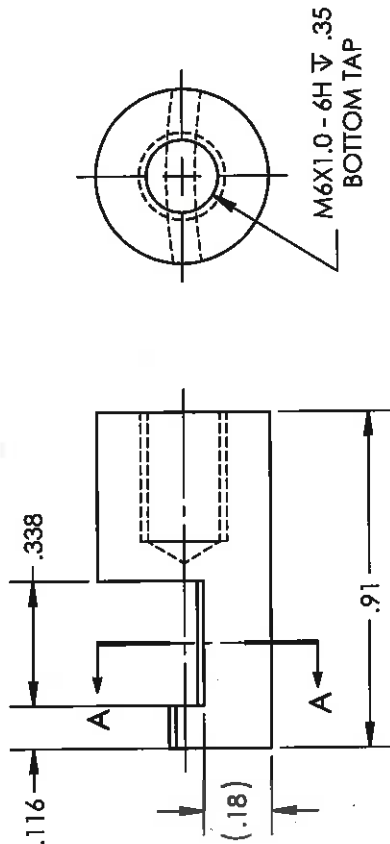
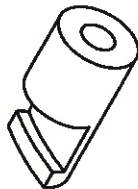
Plex 7/24/19 2:29 PM Dart.lajeunesse.marie



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# REVISIONS

| REV | ECR     | DESCRIPTION                                                                                                                                         | DATE       | INITIAL | APPROVED |
|-----|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|----------|
| A   |         | -5 CHD OD WAS Ø.749 IS Ø.74, CHD M6 X 1 THREAD DEPTH WAS .434 IS MIN. DEPTH .43.                                                                    | 7/31/13    | RJC     | GE       |
| 1   | 14-0215 | -5 CHD DIAMETER WAS Ø.74 IS .473, CHD SLOT WAS .501 IS .316 CHD I/P WAS .184 IS .116, CHD RADIUS WAS R1.964 IS 1.240, CHD LENGTH WAS 1.443 IS .911. | 11/12/14   | RJC     | JAG      |
| 2   | 15-0011 | -5 CHD M6X1.0 HOLE DEPTH WAS .43 IS .35.                                                                                                            | 11/12/2015 | RJC     | JAG      |
| 4   | 15-0366 | -5 CHD DIMS WAS .316 IS .338, WAS .29 IS .28, WAS R1.24 IS R1.50, WAS (.087) IS (.078), WAS (.20) IS (.18).                                         | 11/20/2015 | RJC     | JAG      |



M6X1.0 - 6H V .35  
BOTTOM TAP



TITLE OIL SEAL HOUSING REMOVAL PULLER

DWG NO. RBW6500X01611-W142E-3T-5

DRAWN BY: PERRITT

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

XXX ± .005 FRACTIONS ± 1/8

XX ± .01 ANGLES ± .5°

1. BREAK ALL SHARP EDGES .015 x 45°

2. OR .016R

DIMENSIONAL LIMITS APPLY AFTER PLATING

USED ON MODEL AW139

SCALE 2:1

DATE 12/31/2008

SHEET 3 OF 8

SHOP COPY  
RETURN TO  
ENGINEERING

UNCONTROLLED  
SUBJECT TO CHANGE

WITHOUT NOTICE  
WORK ON THIS

NO. 198297 NLS  
19-07-25

(5)

EXTRACTOR



Entered: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / ROUTE UPDATE**

Route update only ☐

NCR No. \_\_\_\_\_

|                                                                                                                                                                                                                                                                                                                                                                                     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Job: _____<br>Part No. _____                                                                                                                                                                                                                                                                                                                                                        |                   | <b>DISPOSITION</b><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | <b>DEPARTMENT/PROCESS</b><br>Skid-tube <input type="checkbox"/> Cross tube <input type="checkbox"/> Eng. (Non-AW) <input type="checkbox"/><br>Machining <input type="checkbox"/> Small Fab <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/><br>Large Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/><br>Engineering <input type="checkbox"/><br>Water Jet <input type="checkbox"/><br>Supplier <input type="checkbox"/><br>Quality <input type="checkbox"/> |  |  |  |
| Date: _____                                                                                                                                                                                                                                                                                                                                                                         | Sequence #: _____ | QTY Affected: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | MRB (QS1042)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                    |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |
| <b>Root Cause</b><br>Operator <input type="checkbox"/><br>Manufacturing Process <input type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Preservation <input type="checkbox"/><br>Material <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Human Factors <input type="checkbox"/> |                   | <b>FAULT CATEGORY</b><br>Pressure/Forced <input type="checkbox"/> Contamination <input type="checkbox"/><br>Bending <input type="checkbox"/> Misaligned/off center <input type="checkbox"/><br>Crushing <input type="checkbox"/> BOM/Route <input type="checkbox"/><br>Cracks <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/><br>Crimp/Kink/Ripple/Wave/Twist <input type="checkbox"/> Incomplete/Unclear Instructions <input type="checkbox"/><br>Marks/Chatter <input type="checkbox"/> Drill Holes <input type="checkbox"/><br>Mislabeled <input type="checkbox"/> Fit/Function <input type="checkbox"/><br>Other/Details: _____ |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |                   | <b>Other/Details:</b> _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |                   | <b>Positioned Wrong</b> <input type="checkbox"/><br><b>Outside Tolerance</b> <input type="checkbox"/><br><b>Drawing</b> <input type="checkbox"/><br><b>Finish</b> <input type="checkbox"/><br><b>Part Lost/Missing</b> <input type="checkbox"/><br><b>Misread</b> <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |                   | <b>QC / QA Coordinator</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |                   | <b>Lead hand / Supervisor</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |                   | <b>Completed By</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## POHB044343



**Supplier:** GRO002-VC  
Group Altech  
2455 Halpern  
St Laurent  
QC  
H4S 1N9 Canada  
Phone: 514-335-3666  
Fax: 514-335-3868

**Attention:** Grenon, Sylvie

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**PO No:** POHB044343

**PO Date:** 8/26/19

**Due Date:** 9/4/19

**Purchase Order  
Revision:**

**Revision Date:**

**Ship-To Contact:** Guerin, Kimberley  
Phone: 613-632-5200 Ext: 298  
kguerin@dartaero.com

**Via:** Ground

**Pynt Terms:** Net 60

**Freight Terms:**

**Special Comments:**

**E-MAILED**  
2019-08-26

### Items

| Line Item | Job    | Part                      | Description                                                                                                                                                                                                                                                                                                                  | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
|-----------|--------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|----------|----------------|-------------------|---------|------------------|----------------|
| 1         | 199205 | RBW6521A00138-W142AH-3T-9 | Spanner Socket<br>-Issue P/O;<br><br>-Black oxide finish,<br>MIL-C-13924C Class 1<br>-Apply thin layer of<br>oil/CPC per MIL-PRF-<br>16173 Grade 3 Class<br>1 or MIL-c-81309 Type<br>III<br>Or MILL-C23411A or<br>MIL-PRF-81309 and<br>wipe off excess.<br>-Material type; 4140<br>-Certificate of<br>Conformity is required | Firmed | -       | 9/4/19   | 5 pcs          | 0 pcs             | 5 pcs   | \$3.6363/pcs     | \$18.18        |
| 2         | 198297 | RBW6500X01611-W142E-3T-5  | Extractor<br>-Issue P/O;<br><br>-Black oxide finish,<br>MIL-C-13924C Class 1<br>-Apply thin layer of<br>oil/CPC per MIL-PRF-<br>16173 Grade 3 Class<br>1 or MIL-c-81309 Type<br>III<br>Or MILL-C23411A or<br>MIL-PRF-81309 and<br>wipe off excess.<br>-Material type; 4140<br>-Certificate of<br>Conformity is required      | Firmed | -       | 9/4/19   | 24 pcs         | 0 pcs             | 24 pcs  | \$3.6363/pcs     | \$87.27        |





Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## POHB044343



| Items        |        |                          |                                                                                                                                                                                                                                                                                                                                                                                                   |        |         |          |                |                   |         |                  |                |
|--------------|--------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|----------|----------------|-------------------|---------|------------------|----------------|
| Line Item    | Job    | Part                     | Description                                                                                                                                                                                                                                                                                                                                                                                       | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
| 3            | 198350 | RBW6500X01611-W142F-3T-1 | Press Tool<br>(Outside Processing -<br>Black Oxide)<br>-Issue P/O to<br>GROUPE ALTECH;<br>PO _____<br>-Black oxide finish,<br>MIL-C-13924C Class 1<br>-Apply thin layer of<br>oil/CPC per MIL-PRF-<br>16173 Grade 3 Class<br>1 or MIL-c-81309 Type<br>III<br>Or MILL-C23411A or<br>MIL-PRF-81309 and<br>wipe off excess.<br>-Material type; 1018<br><br>-Certificate of<br>Conformity is required | Firmed | -       | 9/4/19   | 4 pcs          | 0 pcs             | 4 pcs   | \$3.6363/pcs     | \$14.55        |
| Grand Total: |        |                          |                                                                                                                                                                                                                                                                                                                                                                                                   |        |         |          |                |                   |         | \$120.00         |                |

### Order Notes

Procurement Quality Clauses  
 A005 right of entry  
 A012 chemical and physical test report  
 A016 personnel qualification  
 A017 raw material identification (as applicable)

A022 Apical Processing  
 A024 process certifications  
 A026 certification of material conformance

A041 quality management system  
 A042 dart notification by supplier  
 A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an Integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 8/28/19 9:08 AM Dart.Guerin.Kimberley



# Certificat de Conformité / Certificate of Compliance

(021888-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9  
 Tel: 514-335-3666 Fax: 514-335-3868  
 www.groupaltech.com

## Bon de Livraison / Packing Slip

**021888 - 1**

Livré à / Ship to

**DART AEROSPACE LTD**  
 1270 ABERDEEN STREET  
 HAWKESBURY, ON, K6A1K7  
 CANADA  
 Tel.: 613-632-5200 Fax:.

Client / Customer:

**DART AEROSPACE LTD**  
 1270 ABERDEEN STREET  
 HAWKESBURY, ON, K6A1K7  
 CANADA  
 BUYER:

| Date expédition<br>Ship date |                                                                            | Créé Par<br>Generated By                                                                                                                                                                                                                          | Transport / No de Compte<br>Courier / Acc. No. | Bon de commande Client<br>Customer Purchase Order No. |                 |                   |              |                         |
|------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------|-----------------|-------------------|--------------|-------------------------|
| 29-Aug-2019                  |                                                                            | Jigar Patel                                                                                                                                                                                                                                       |                                                | POHB044343                                            |                 |                   |              |                         |
| #Ligne<br>Line#              | No. de Série / # Pièce<br>Part Number / Line Item Details<br>Job # / Ref # | Description pièce(s)                                                                                                                                                                                                                              | CATG.<br>U/M                                   | Comm.<br>/Ordered                                     | Exp/<br>Shipped | Qté NC/<br>MC Qty | Qté<br>Scrap | À venir /<br>Back Order |
| 1                            | RBW6521A00138-W142AH-3T-9<br>Rev.                                          | RBW6521A00138-W142AH-3T-9<br>OXIDE-BLK & OIL [OXIDE BLACK AND OIL]<br>MIL-C-13924C CLASS 1<br>APPLY THIN LAYER OF OIL/CPC<br>PER MIL-PRF-16173 GRADE 3 CLASS 1 OR<br>MIL-C-81309 TYPE 3 OR<br>MIL-C23411A OR MIL-PRF-81309<br>AND WIPE OFF EXCESS | OXIDE-BLACK<br>CH                              | 5                                                     | 5               | 0                 | 0            | 0                       |
| 2                            | RBW6500X01611-W142E-3T-5<br>Rev.                                           | RBW6500X01611-W142E-3T-5<br>OXIDE-BLK & OIL [OXIDE BLACK AND OIL]<br>MIL-C-13924C CLASS 1<br>APPLY THIN LAYER OF OIL/CPC<br>PER MIL-PRF-16173 GRADE 3 CLASS 1 OR<br>MIL-C-81309 TYPE 3 OR<br>MIL-C23411A OR MIL-PRF-81309<br>AND WIPE OFF EXCESS  | OXIDE-BLACK<br>CH                              | 24                                                    | 24              | 0                 | 0            | 0                       |
| 3                            | RBW6500X01611-W142F-3T-1<br>Rev.                                           | RBW6500X01611-W142F-3T-1<br>OXIDE-BLK & OIL [OXIDE BLACK AND OIL]<br>MIL-C-13924C CLASS 1<br>APPLY THIN LAYER OF OIL/CPC<br>PER MIL-PRF-16173 GRADE 3 CLASS 1 OR<br>MIL-C-81309 TYPE 3 OR<br>MIL-C23411A OR MIL-PRF-81309<br>AND WIPE OFF EXCESS  | OXIDE-BLACK<br>CH                              | 4                                                     | 4               | 0                 | 0            | 0                       |

**RECEIVED**  
 SEP 03 2019  
 DART AEROSPACE LTD.

Notes Additionnelles / Additional Notes

Epaisseur réelle  
Actual Thickness

Inspecteur Qualité  
Quality Inspector

Réçu par  
Received By

*Jg SKY*

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.  
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.  
 Our financial and legal responsibility will not be higher than the amount of invoice.